

APPENDIX C

Comparison of Selected 2004 Health Indicators for Adults³

2004 Health Indicator	U.S. 2004 Median (Range)	MT 2004 % CI	MMSA ⁴ % CI	Co. ⁵ % CI	HP 1 % CI	HP 2 % CI	HP 3 % CI	HP 4 % CI	HP 5 % CI
Access to Health Care:									
No Health-care Coverage	14.9 (7.9-29.8)	19.2 17.6-20.7	17.6 13.5-21.7	17.9 13.6-22.2	17.4 13.7-21.1	19.1 15.2-23.0	19.2 15.6-22.9	16.3 13.3-19.3	21.9 18.8-25.1
No Specific Source of Primary Care	NA	24.9 23.2-26.5	NA	NA	26.7 22.6-30.9	25.9 21.8-30.0	23.7 19.9-27.6	24.2 20.6-27.7	25.1 21.8-28.3
Visited Dental Health-Care Professional ⁶	70.2 (59.4-80.6)	65.9 64.1-67.6	66.0 61.4-70.7	66.7 61.9-71.6	61.5 57.1-66.0	68.0 63.8-72.2	65.9 62.1-69.8	68.6 64.9-72.4	63.7 60.4-67.1
Health Status or Outcomes:									
Fair or Poor General Health Status	15.1 (10.0-34.8)	12.8 11.7-13.9	12.0 8.9-15.1	12.0 8.9-15.1	14.3 11.3-17.2	14.3 11.6-17.1	12.1 9.5-14.7	12.6 10.2-15.0	12.7 10.6-14.7
Extracted all natural teeth (Adult ≥ 65)	21.2 (12.4-42.9)	19.6 16.7-22.5	15.9 9.1-22.8	16.1 8.8-23.4	24.9 18.0-33.3	19.0 12.7-27.6	16.6 11.9-22.8	21.3 15.4-28.6	18.3 13.6-24.3
Overweight includes Obese ⁷	60.4 (53.0-65.6)	57.0 55.2-58.9	59.5 54.6-64.3	60.1 55.0-65.2	67.4 59.0-75.9	62.2 54.2-70.3	59.5 52.2-66.7	50.3 44.1-56.5	56.6 50.4-62.7
Obese ⁸	23.2 (16.8-29.5)	19.7 18.3-21.1	22.8 18.7-26.9	23.6 19.3-28.0	24.9 21.1-28.7	25.1 21.4-28.8	22.4 19.0-25.8	15.7 13.1-18.3	17.6 14.9-20.2
Diabetes, Clinically Diagnosed	7.1 (4.2-11.0)	6.0 5.2-6.8	6.8 4.5-9.0	7.2 4.7-9.6	6.5 4.7-8.1	6.3 4.5-8.1	6.6 4.8-8.5	4.5 3.0-5.9	6.3 4.8-7.9
Currently ⁹ have Asthma	8.3 (4.6-10.3)	8.6 7.6-9.6	10.7 7.7-13.7	10.7 7.6-13.7	6.6 4.3-8.9	7.7 5.6-9.8	10.0 7.4-12.6	9.1 7.1-11.2	8.4 6.5-10.3
Health-Related Behaviors:									
No Leisure Time Physical Activity	22.9 (15.9-46.6)	18.9 17.5-20.2	20.6 16.9-24.3	20.2 16.3-24.1	24.3 20.4-28.1	22.7 19.2-26.1	21.0 17.7-24.4	17.1 14.1-20.0	15.5 13.3-17.8
Current Smoker ¹⁰	20.8 (9.4-27.5)	20.4 18.9-21.9	21.8 17.7-25.9	22.6 18.2-27.0	21.7 18.0-25.4	22.9 10.0-26.7	21.6 18.1-25.2	18.6 15.5-21.7	19.9 17.0-22.7

³ Data source for U.S., MMSA, and Co.: Centers for Disease Control and Prevention, *Surveillance for Certain Health Behaviors Among States and Selected Local Areas – Behavioral Risk Factor Surveillance System, United States, 2004*. Surveillance Summaries, July 14, 2006. *MMWR*; 55 (no.55-57).

⁴ Metropolitan/Micropolitan Statistical Area (MMSA) for Billings, MT. Sample size N=526 adults total in this MMSA

⁵ Yellowstone County, MT only, sample size N=478 adults in this county sample in 2004

⁶ Visited dentist, dental specialist such as an orthodontist, or health-care professionals employed by dental clinics within the preceding year.

⁷ Body Mass Index ≥ 25.0 kg/m²

⁸ Body Mass Index ≥ 30 kg/m²

⁹ Defined as ever having been told by a doctor, nurse, or other health professional that they had asthma and reporting that they still have asthma.

¹⁰ Adults who reported ever smoking at least 100 cigarettes and who currently smoke every day or some days during the time of the survey.

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2004 Health Indicator	U.S. 2004 Median (Range)	MT 2004 % CI	MMSA % CI	Co. % CI	HP 1 % CI	HP 2 % CI	HP 3 % CI	HP 4 % CI	HP 5 % CI
Binge Drinking ¹¹	14.9 (8.3-21.8)	17.1 15.6-18.6	17.0 13.2-20.8	17.2 13.3-21.2	23.3 19.0-27.6	16.8 13.6-20.0	17.5 14.0-20.9	16.7 13.6-19.9	16.3 13.4-19.2
Heavy Drinking ¹²	4.8 (2.8-7.4)	5.5 4.5-6.4	2.8 1.3-4.3	2.9 1.2-4.5	5.7 3.2-8.2	4.2 2.7-5.7	2.9 1.6-4.1	5.5 3.7-7.2	8.0 5.6-10.3
<i>Screening and Immunizations:</i>									
Pap Smear, Within Past Three Years	85.9 (72.5-89.8)	86.1 84.3-87.9	91.7 87.9-95.5	93.3 89.9-96.6	79.1 73.0-85.3	88.5 84.8-92.2	90.7 87.4-93.9	85.3 81.1-89.4	83.9 80.4-87.5
Mammogram, Within Past Two Years	74.6 (61.1-82.5)	71.9 69.6-74.2	75.6 69.4-81.7	77.4 71.2-83.5	70.3 64.5-76.2	73.4 68.2-78.7	75.4 70.3-80.4	72.7 67.7-77.7	68.3 63.8-72.8
PSA Test, Within the Past Two Years ¹³	52.1 (44.5-60.9)	53.9 50.7-57.0	65.1 56.8-73.3	65.2 56.5-73.8	53.9 45.9-62.0	53.7 45.9-61.6	60.7 54.1-67.4	49.4 42.7-56.1	53.0 47.0-59.0
Fecal Occult Blood Test (FOBT) within past 2 yrs ¹⁴	26.5 (3.5-40.3)	28.1 26.0-30.3	31.7 25.5-37.9	31.5 25.0-38.0	25.4 20.0-30.7	21.2 16.0-26.4	29.6 24.8-34.5	31.7 26.9-36.4	29.6 25.5-33.8
Sigmoidoscopy or Colonoscopy ¹⁵ , Ever Had	53.0 (33.6-66.3)	52.6 50.2-55.0	58.4 51.7-65.1	57.8 50.7-64.8	38.5 32.6-44.4	48.7 42.6-54.8	54.3 49.0-59.6	59.1 54.1-64.2	52.3 47.8-56.8
Influenza Immunization, within Past Year ¹⁶	67.9 (35.3-78.8)	72.2 69.0-75.4	75.8 67.9-83.7	74.4 65.8-83.0	70.3 62.5-78.1	74.1 66.2-81.9	74.3 67.8-80.9	71.6 64.5-78.7	72.5 66.1-79.0
Pneumococcal Immunization, Ever Had ¹⁷	64.6 (32.7-71.6)	71.6 62.2-75.0	79.9 71.9-87.8	83.5 76.2-90.9	70.9 63.1-78.7	68.3 59.7-76.9	78.9 72.5-85.2	74.2 67.0-81.4	66.3 59.3-73.2

¹¹ Adults who reported having five or more drinks on at least one occasion within the past 30 days of the survey.

¹² Males who consume more than 2 alcoholic drinks per day; females who consume more than 1 alcoholic drink per day in the preceding 30 days.

¹³ Men aged 40 and older who had a prostate specific antigen blood (PSA) test within the preceding 2 years.

¹⁴ All adults aged 50 and older

¹⁵ All adults aged 50 and older

¹⁶ All adults aged 65 and older

¹⁷ All adults aged 65 and older